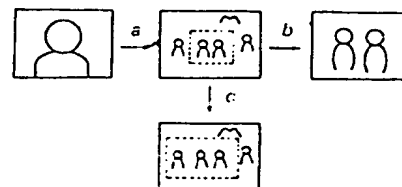


(54) VIDEO CAMERA INTEGRATED WITH SILVER SALT CAMERA

(11) 5-297448 (A) (43) 12.11.1993 (19) JP
 (21) Appl. No. 4-99757 (22) 20.4.1992
 (71) KONICA CORP (72) ATSUGO EZAKI(2)
 (51) Int. Cl.⁵ G03B17/48

PURPOSE: To make a video camera integrated with a silver salt camera compact and to improve a finder display function at the time of performing photographing by a silver salt camera.

CONSTITUTION: In the case of performing photographing by the silver salt camera in the midst of photographing by a video camera (as shown by left figure), the focal distance of the optical system of the video camera is temporarily set to a minimum, a maximum range where photographing is performed by the silver salt camera is displayed by an EVF (electronic view finder), and a boundary in a minimum range where enlargement can be possible at the time of printing by trimming is displayed in the EVF (as shown by upper central figure). Zoom photographing operation is performed, the boundary of a desired trimming part is displayed, and trimming information is inputted in silver salt film, then, the enlargement is performed based on the information at the time of printing (as shown by lower central figure). When photographing by the video camera is stopped, the trimming part is enlarged to the full size of the display screen of the finder and displayed.



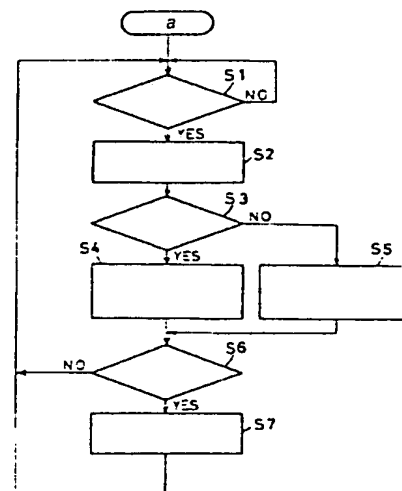
a: turning on video, still switch, b: turning off video recording switch, c: turning on zoom switch for still photographing

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 (71) KONICA CORP (72) ATSUGO EZAKI(2)
 (51) Int. Cl.⁵ G03B17/48, H04N5/232, H04N5/238

PURPOSE: To prevent video recording from being interrupted even when photographing on silver salt film is executed in the middle of video photographing as for a video camera integrated with a silver salt camera where an optical image is formed on either the silver salt film or an image pickup element by a quick return mirror.

CONSTITUTION: In the case of photographing a still picture by using the silver salt film, whether or not the video photographing is performed is discriminated (S3). In the middle of the video photographing, the light emission of a stroboscope is forcibly performed so that shutter speed may not be equal to or under a specified shutter speed (S5). Thus, the time when the exposure of the optical image on the image pickup element is interrupted is restricted. Meanwhile, in the case of singly performing photographing by using the silver salt film, the shutter speed equal to or under the specified shutter speed is allowed and the shutter speed and a diaphragm are decided (S4).



a: silver salt photographing, S1: release half depressing, S2: read in photometric data, S3: deciding shutter speed and diaphragm by referring to program for simultaneous photographing, S4: release totally depressing, S5: photographing

(54) OVERHEAD PROJECTOR DEVICE

(11) 5-297450 (A) (43) 12.11.1993 (19) JP
 (21) Appl. No. 4-99674 (22) 20.4.1992
 (71) SONY CORP (72) TAKEHISA NATORI(2)
 (51) Int. Cl.⁵ G03B21/132

PURPOSE: To illuminate a speaker without making a video projected on a screen difficult to view in the midst of using an overhead projector.

CONSTITUTION: An overhead projector device is provided with the overhead projector 1, the screen 11 and an illuminating device 20. The screen 11 is a polarizing screen by which the 1st polarized light component of light projected from the overhead projector 1 is reflected, and the illuminating device 20 is constructed so as to project a 2nd polarized light component which forms P0' with the 1st polarized light component.

